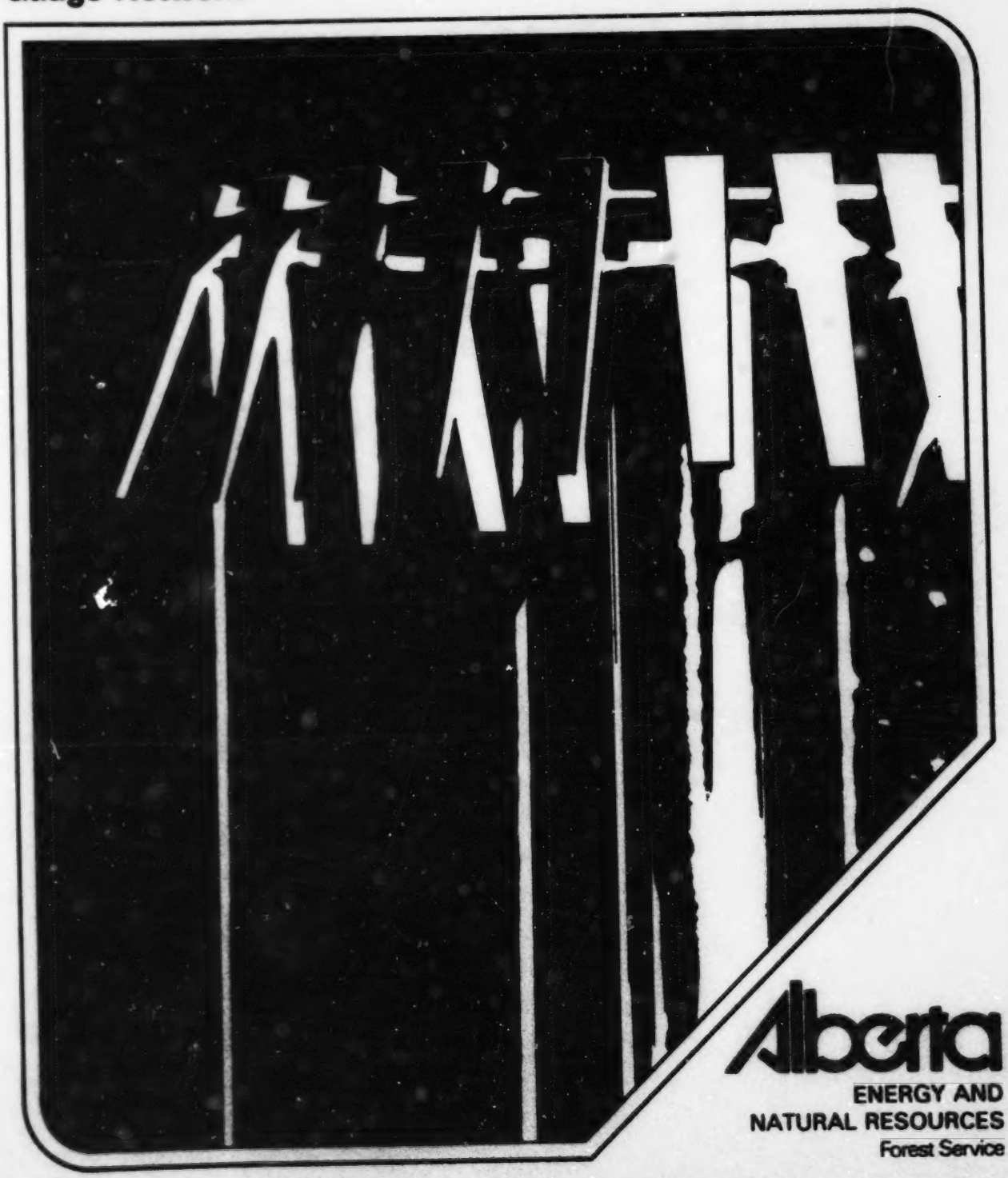
1983 Synopsis

Sacramento Precipitation Storage Gauge Network



Alberta

ENERGY AND NATURAL RESOURCES

Forest Service

THE 1983 SYNOPSIS OF THE SACRAMENTO PRECIPITATION STORAGE GAUGE NETWORK

by
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1983
Edmonton

Alberta
Energy and
Natural Resources
Forest Service

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INTRODUCTION

The Sacramento storage gauge precipitation network remains at 135 gauges, although some gauges in the Bow/Crow Forest are gradually being terminated due to replacement by Fisher-Porters. In other forests, i.e. Peace River and Footner Lake, inspection and upgrading should be completed next summer.

During the 1982/83 winter, most regions received below normal precipitation with some sites below 50% of average. Only the extreme northern regions received near average precipitation, which helped reduce the forest fire hazard for the summer season. Spring precipitation was also below normal in all regions.

Summer rainfall was below average in the headwaters of the Athabasca, North and South Saskatchewan River basins and extreme northern regions. Only the Grande Prairie, Peace River and Slave Lake Forests received above average rainfall this summer. Swan Hills and Slave Lake were hardest hit with considerable flooding in June and July. Forest fires were, however, down to a minimum compared with previous years.

Alberta Environment, Technical Services Division may be contacted for provincial water supply outlooks.

In the following tables, E is estimate, H - record high, L - record low and N/A - not available or missing data.

1983 ANNUAL SUMMARY

Precipitation Caught by Sacramento Storage Gauges
From October 1982 to October 1983
(Dates of fall readings appear with recharge readings)

STN	LOCATION	ELEVATION (FT.)	(M)	YEARS OF DATA	OCT. TO MAY (IN.)	(MM)	MAY TO OCT. (IN.)	(MM)	ANNUAL (IN.)	(MM)	% OF AVERAGE	AVERAGE (IN.)	(MM)
Bow/Crow Forest													
A01	16-16-5-3 W5	4550	1387	30	11.0	279	6.5	165	17.5	444	67	26.1	663
A09	7-34-3-1 W5	5500	1676	28	11.5	292	10.5	267	22.0	559	76	28.8	732
A11	11-14-6-5 W5	6100	1859	20	20.5	521	11.0	279	31.5	800	71	44.7	1135
B03	12-20-7-4 W5	5050	1539	30	19.0	483	11.0	279	30.0	762	81	37.3	947
B06	10-29-8-3 W5	5800	1768	30	10.5	268	7.0	178	17.5	445	72	24.2	615
B08	3-2-9-3 W5	4700	1433	25	10.0	254	10.0	254	20.0	508	82	24.3	617
B10	12-31-7-5 W5	4800	1463	30	11.0	279	9.5	241	20.5	521	78	26.2	665
B12	5-22-9-5 W5	6500	1981	29	18.0	457	13.5	343	31.5	800	73	42.9	1090
C07	3-29-11-4 W5	6150	1875	21	11.5	292	8.5	216	20.0	508	72	27.9	709
C10	12-29-13-5 W5	6000	1829	29	7.5	190	9.0	229	16.5	419	71	23.2	589
C13	8-33-10-3 W5	4650	1417	30	6.5	165	5.5	140	12.0	305	63	19.0	483
C14	13-13-13-4 W5	5400	1646	30		TOTAL ONLY			15.0	381	69	21.9	556
C16	11-16-10-5 W5	6300	1920	20	18.0	457	12.0	305	30.0	762	70	43.2	1097
D01	8-9-15-3 W5	4900	1494	28	8.0	203	7.0	178	15.0	381	66	22.9	582
D02	9-34-14-4 W5	7750	2362	23	6.1	155	9.4	239	15.5	394	71	21.9	556
D04	11-2-16-4 W5	5050	1539	29	7.5	191	11.0	279	18.5	470	83	22.4	569
E01	2-27-10-1 W5	4750	1448	30	6.0	152	7.5	191	13.5	343	73	18.4	467

STN	LOCATION	ELEVATION (FT.)	ELEVATION (M)	YEARS OF DATA	OCT. TO MAY (IN.)	OCT. TO MAY (MM)	MAY TO OCT. (IN.)	MAY TO OCT. (MM)	ANNUAL (IN.)	ANNUAL (MM)	% OF AVERAGE	AVERAGE (IN.)	AVERAGE (MM)
F01	2-26-12-1 W5	4500	1372	30	N/A							18.6	472
F02	7-13-13-2 W5	4600	1402	18	7.5	191	8.5	216	16.0	407	71	22.6	574
G01	6-33-16-5 W5	4900	1494	30	6.3	160	6.7	170	13.0	330	71	18.4	467
G02	7-14-18-7 W5	5750	1753	30	11.5	292	11.0	280	22.5	572	90	25.1	638
G04	3-36-17-5 W5	4900	1494	30	9.3	236	8.7	221	18.0	457	71	25.3	643
G07	2-25-14-5 W5	6500	1981	18	10.0	254	9.0	229	19.0	483	67	28.3	719
H01	3-33-19-5 W5	4850	1478	30	7.1	180	9.7	246	16.8	427	82	20.4	518
H02	9-8-19-6 W5	5800	1768	30	13.1	333	9.7	246	22.8	579	78	29.2	742
H05	11-14-21-6 W5	7500	2286	17	11.3	287	12.2	310	23.5	597	78	30.1	765
I05	10-13-20-8 W5	7150	2179	29	N/A							35.5	902
I06	9-3-22-7 W5	6000	1829	38	N/A							26.4	671
J02	5-18-24-7 W5	5100	1554	28	N/A							24.8	630
K01	3-8-25-10 W5	4350	1326	30	6.0	153	7.0	178	13.0	331	89	14.6	371
K02	4-30-19-8 W5	5500	1676	30	12.5	318	8.5	216	21.0	533	88	23.8	605
K06	5-4-22-10 W5	6250	1905	29	13.0	330	12.5	318	25.5	648	83	30.6	777
K07	4-36-22-9 W5	4950	1509	29	8.0	203	8.0	203	16.0	406	80	19.9	505
K08	1-12-24-11 W5	5500	1676	29	8.0	203	9.0	229	17.0	432	93	18.4	467
L01	12-20-27-7 W5	4500	1372	29	7.0	178	N/A					19.8	503
L02	11-28-28-8 W5	6250	1905	21	7.0	178	10.0	254	17.0	432	88	19.4	493
L03	6-13-29-7 W5	4450	1356	29	7.0	178	N/A					20.4	518
L04	7-12-27-9 W5	5250	1600	21	9.0	229	N/A					23.0	584
L05	5-29-29-10 W5	6600	2012	19	8.0	203	8.3	211	16.3	414	85	19.2	488
M01	6-17-31-9 W5	4700	1433	28	5.0	127	12.0	305	17.0	432	94	18.2	462
M02	13-33-31-9 W5	6400	1951	19	6.5	165	15.0	381	21.5	546	91	23.5	597
M03	9-1-34-8 W5	4000	1219	29	7.0	178	12.0	305	19.0	483	85	22.4	569

STN	LOCATION	ELEVATION (FT.)	(M)	YEARS OF DATA	OCT. TO MAY (IN.)	(MM)	MAY TO OCT. (IN.)	(MM)	ANNUAL (IN.)	(MM)	% OF AVERAGE	AVERAGE (IN.)	(MM)
M04	8-22-30-11 W5	6100	1859	20	N/A							26.2	665
M05	3-4-33-12 W5	6700	2042	20	10.0	254	9.5	241	19.5	495	84	23.1	587
M06	13-5-34-10 W5	5700	1737	19	9.5	241	13.5	343	23.0	584	84	27.3	693
	MEANS:				9.8	249	9.7	246	19.5	495	78	25.1	638
Rocky/Clearwater Forest													
N01	1-8-35-9 W5	4200	1280	30	6.5	165	11.0	279	17.5	444	80	21.9	556
N02	5-31-36-10 W5	6100	1859	21	8.8	224	12.4	315	21.2	539	74	28.7	729
N03	1-31-35-11 W5	4700	1433	28	5.0	127	9.5	241	14.5	368	85	17.0	432
N04	3-2-34-13 W5	5275	1608	28	5.0	127	9.5	241	14.5	368	83	17.4	442
001	7-10-39-12 W5	4400	1341	28	7.7	196	13.7	348	21.4	544	89	24.1	612
002	9-18-36-13 W5	5300	1615	28	6.5	165	11.7	297	18.2	462	87	21.0	533
003	14-10-39-15 W5	5500	1676	28	9.0	229	14.0	356	23.0	584	91	25.3	643
P01	12-28-40-15 W5	4500	1372	31	5.5	140	8.5	216	14.0	356	74	18.9	480
P02	9-7-43-17 W5	4500	1372	28	7.5	191	14.5	368	22.0	559	92	23.9	607
P03	11-17-41-15 W5	6835	2083	20	6.5	165	10.5	268	17.0	432	66	25.8	655
P04	8-6-36-17 W5	4500	1372	27	3.0	76	6.0	152	9,.0	229	80	11.3	287
P05	12-28-43-19 W5	5000	1524	25	7.5	191	12.5	318	20.0	508	84	23.9	607
P06	15-15-35-19 W5	4500	1372	24	6.0	152	8.2	208	14.2	361	86	16.6	422
P07	11-5-37-18 W5	4800	1463	20	4.5	114	5.2	132	9.7	246	70	13.9	353
P08	6-7-37-19 W5	5300	1615	20	6.3	160	5.4	137	11.7	297	75	15.5	394
P09	8-36-36-21 W5	6000	1829	20	10.0	254	7.7	196	17.7	450	83	21.3	541
P10	12-21-34-17 W5	5200	1585	20	6.8	173	9.0	229	15.8	402	82	19.4	493
P11	12-18-43-19 W5	6000	1829	19	8.2	208	12.5	318	20.7	526	77	26.9	683

STN	LOCATION	ELEVATION (FT.)	(M)	YEARS OF DATA	OCT. TO MAY (IN.)	(MM)	MAY TO OCT. (IN.)	(MM)	ANNUAL (IN.)	(MM)	% OF AVERAGE	AVERAGE (IN.)	(MM)
P13	7-26-36-16 W5	6500	1981	17	9.0	229	11.2	284	20.2	513	83	24.3	617
Q01	11-35-40-13 W5	4600	1402	30	7.5	191	10.5	267	18.0	458	80	22.6	574
Q02	15-10-43-14 W5	4000	1219	28	6.0	152	11.5	292	17.5	444	78	22.4	569
Q03	1-9-46-15 W5	3800	1158	4	4.8	121	12.7	322	17.5	444	75	23.4	594
	MEANS:				6.7	170	10.4	263	17.1	433	81	21.1	537
Grande Prairie Forest													
R01	NE 8-62-10 W6	5020	1530	8	5.5	139	20.6	524	26.1	663	95	27.6	700
R02	6-29-63-8 W6	3000	914	8	4.5	115	16.7	424	21.2	539	90	23.5	598
R03	2-4-63-9 W6	4570	1393	8	6.7	170	21.4	544	28.1	714	98	28.6	726
R04	10-22-64-11 W6	4860	1481	8	9.4	237	26.8	681	36.1	918	105	34.3	871
R05	11-34-62-9 W6	4360	1329	8	8.7	220	20.6	523	29.3	743	98	30.0	762
R06	SW 21-60-12 W6	5700	1737	8	8.2	209	21.5	546	29.7	755	86	34.5	876
R07	2-36-76-12 W6	3130	954	7	5.2	132	20.6	522	25.7	654	126	20.4	518
R08■	4-12-67-10 W6	3350	1021	7		TOTAL	ONLY		21.5	547	86	25.2	639
R09	8-7-62-3 W6	3050	930	7	5.4	137	22.9	581	28.3	718	107	26.4	671
R10	NE 4-63-7 W6	4050	1234	7	5.8	148	19.8	502	25.6	650	114	22.4	568
R11	SW 35-61-12 W6	5620	1713	7	4.2	106	21.7	552	25.9	658	97	26.7	679
R12	SW 10-60-8 W6	4400	1341	7	5.8	148	20.3	515	26.1	663	102	25.5	649
R14	SW 15-65-13 W6	3300	1006	7	6.0	151	20.7	527	26.7	678	113	23.5	598
R15	SE 23-59-11 W6	5370	1637	7	9.6	244	17.7	449	27.3	693	89	30.8	783
R16	NE 9-67-2 W6	2800	853	3	4.8	122	19.0	482	23.8	604			
R17	SE 27-64-5 W6	3050	930	3	5.0	128	22.0	557	27.0	685			
R18	SE 25-64-1 W6	3050	930	3	6.1	155	20.8	529	26.9	684			

■ In the Spring summary, R08 was in error; however, the total annual is correct.

STN	LOCATION	ELEVATION (FT.)	ELEVATION (M)	YEARS OF DATA	OCT. TO MAY (IN.)	OCT. TO MAY (MM)	MAY TO OCT. (IN.)	MAY TO OCT. (MM)	ANNUAL (IN.)	ANNUAL (MM)	% OF AVERAGE	AVERAGE (IN.)	AVERAGE (MM)
R19	NW 19-76-10 W6	3000	914	3	4.0	101	17.2	438	21.2	539			
R20	4-9-63-25 W5	2830	863	4	4.3	108	19.6	498	23.9	606			
	MEANS:				6.1	154	20.5	522	26.3	669	101	27.1	688
Slave Lake Forest													
S01	6-14-71-6 W5	3250	991	6	4.0	103	19.3	490	23.3	593	115	20.3	517
S02	6-2-72-11 W5	2580	786	6	3.3	84	21.7	551	25.0	635	130	19.3	489
S03	12-31-70-11 W5	2580	786	6	3.8	97	22.8	579	26.6	676	123	21.7	551
S04	8-21-70-9 W5	2300	701	6	2.5	64	22.0	559	24.5	622	130	18.8	478
S05	3-5-69-8 W5	3100	945	6	5.2	132	26.5	673	31.7	805	130	24.4	619
S06	3-29-68-10 W5	3750	1143	15	4.8	122	20.0	508	24.8	630	111	22.3	567
S07	4-7-67-8 W5	3550	1082	6	2.5	64	24.5	622	27.0	686	110	24.7	627
S08	15-25-66-12 W5	4390	1338	6	3.2	81	21.3	541	24.5	622	100	24.5	621
S09	14-9-90-3 W5	2580	786	5	6.5	164	16.8	428	23.3	591	144	16.1	409
S10	10-1-75-6 W5	3300	1006	3	4.7	120	26.6	675	31.3	795			
S11	6-14-73-15 W5	2410	735	2	3.9	100	19.4	493	23.3	593			
	MEANS:				4.0	103	21.9	556	25.9	659	121	21.3	542
Whitecourt Forest													
T01	15-26-64-13 W5	2740	835	6	3.2	80	21.1	536	24.3	616	128	18.8	479
T02	10-17-64-13 W5	4000	1219	6	4.0	102	18.1	459	22.1	562	93	23.8	606
T03	7-27-66-14 W5	4300	1311	4	4.7	119	25.0	635	29.7	754	124	23.9	608
T04	15-21-61-12 W5	2700	823	4	3.2	80	15.1	384	18.3	464	101	18.0	458

STN	LOCATION	ELEVATION (FT.)	(M)	YEARS OF DATA	OCT. TO MAY (IN.)	(MM)	MAY TO OCT. (IN.)	(MM)	ANNUAL (IN.)	(MM)	% OF AVERAGE	AVERAGE (IN.)	(MM)
T05	9-29-53-11 W5	2700	823	4	4.1	103	13.8	351	17.9	454	79	22.7	577
T06	2-30-60-15 W5	2550	777	4	3.5	90	13.9	353	17.4	443	76	23.0	583
T07	10-13-63-17 W5	3400	1036	4	4.7	119	23.5	596	28.2	715	109	25.8	655
T08	13-9-59-23 W5	3850	1173	4	3.6	91	19.1	486	22.7	577	76	30.0	761
T10	9-20-62-8 W5	2550	777	3	3.3	84	13.2	335	16.5	419			
T11	15-21-58-12 W5	3800	1158	3	4.8	122	13.0	330	17.8	452			
T12	5-33-51-13 W5	3460	1055	3	5.0	127	15.1	384	20.1	511			
	MEANS:				4.0	102	17.4	441	21.4	543	92	23.3	591
Edson Forest													
U01	10-33-45-23 W5	5900	1798	5	9.7	245	MISSING					22.1	561
U02	16-3-47-19 W5	4400	1341	5	7.0	177	10.4	264	17.4	442	68	25.5	648
U03	14-11-49-25 W5	4700	1433	5	6.3	161	12.8	326	19.1	487	72	26.8	681
U04	8-31-49-22 W5	3980	1213	5	6.2	158	12.9	328	19.1	486	73	26.2	665
U05	16-8-52-25 W5	4500	1372	5	4.2	107	11.5	292	15.7	399	60	26.2	667
U06	4-4-55-2 W6	4500	1372	5	5.7	145	11.6	295	17.3	440	79	21.8	554
U07	8-12-56-25 W5	3450	1052	5	4.5	115	14.6	371	19.1	486	87	22.0	558
U08	1-29-56-19 W5	4400	1341	5	3.4	85	18.9	480	22.3	566	87	25.5	648
U09	7-5-59-4 W5	4800	1463	5	7.2	182	25.1	637	32.3	819	132	24.4	618
U10	6-3-57-8 W6	4200	1280	5	5.0	125	12.3	312	17.3	437	84	20.5	520
U11	13-25-52-23 W5	3820	1164	4	4.1	103	11.7	298	15.8	401			
	MEANS:				5.7	146	14.2	360	19.5	496	81	24.1	612

STN	LOCATION	ELEVATION (FT.)	(M)	YEARS OF DATA	OCT. TO MAY (IN.)	(MM)	MAY TO OCT. (IN.)	(MM)	ANNUAL (IN.)	(MM)	% OF AVERAGE	AVERAGE (IN.)	(MM)
Edson/Tri Creeks													
WAMPUS B	10-10-48-23 W5	4350	1326	16	9.3	236	10.3	262	19.6	498	72	27.1	688
WAMPUS F	13-33-47-23 W5	4840	1475	16	8.2	208	10.5	267	18.7	475	66	28.3	720
WAMPUS G	10-11-38-23 W5	4600	1402	16	10.1	257	10.3	262	20.4	518	73	27.9	709
DEERLICK A	8-23-48-23 W5	4250	1295	17	10.2	259	9.3	236	19.5	495	77	25.3	643
DEERLICK C	3-12-48-23 W5	4650	1417	17	9.7	246	11.2	284	20.9	531	76	27.5	700
(Discontinued)													
DEERLICK J	12-27-47-23 W5	5120	1561	NEW GAUGE									
	53° 05' 117° 16'												
EUNICE B	4-7-48-22 W5	4750	1448	16	9.9	251	11.7	297	21.6	549	77	28.2	716
EUNICE D	11-36-47-23 W5	5050	1539	16	10.5	267	11.5	292	22.0	559	73	30.2	768
	MEANS:				9.7	246	10.7	272	20.4	518	73	27.8	706

STN	LOCATION	ELEVATION (FT.)	(M)	YEARS OF DATA	OCT. TO MAY (IN.)	(MM)	MAY TO OCT. (IN.)	(MM)	ANNUAL (IN.)	(MM)	% OF AVERAGE	AVERAGE (IN.)	(MM)
Lac La Biche Forest													
V01	13-3-76-16 W4	2840	866	8	4.9	125	23.7	602	28.6	727	150	19.0	484
V02	13-24-80-4 W4	1848	563	1	4.1	104	12.6	321	16.7	425			
Footner Lake Forest													
W01	8-19-101-9 W5	2800	853	5	6.8	173	15.6	397	22.4	570	121	18.6	471
W02	16-31-111-6 W5	2900	884	5	5.9	149	7.9	200	13.7	349	106	12.9	328
W03	2-23-120-6 W5	3100	945	5	8.5	215	4.5	115	13.0	330	91	14.2	362
W04	3-31-122-22 W5	2330	710	5	5.1	129	4.4	112	9.5	241	70	13.7	347
	MEANS:				6.8	167	8.1	206	14.6	372	99	14.8	377
Peace River Forest													
Y01	6-20-94-23 W5	2100	640	5	4.2	106	11.0	279	15.2	385	115	13.2	335
Y02	4-5-88-9 W6	3500	1067	5	4.4	110	13.3	338	17.7	448	126	13.9	354
Athabasca Forest													
Z01	2-18-98-24 W4	2450	747	4	4.6	117	13.7	348	18.3	465			

RECHARGE READINGS

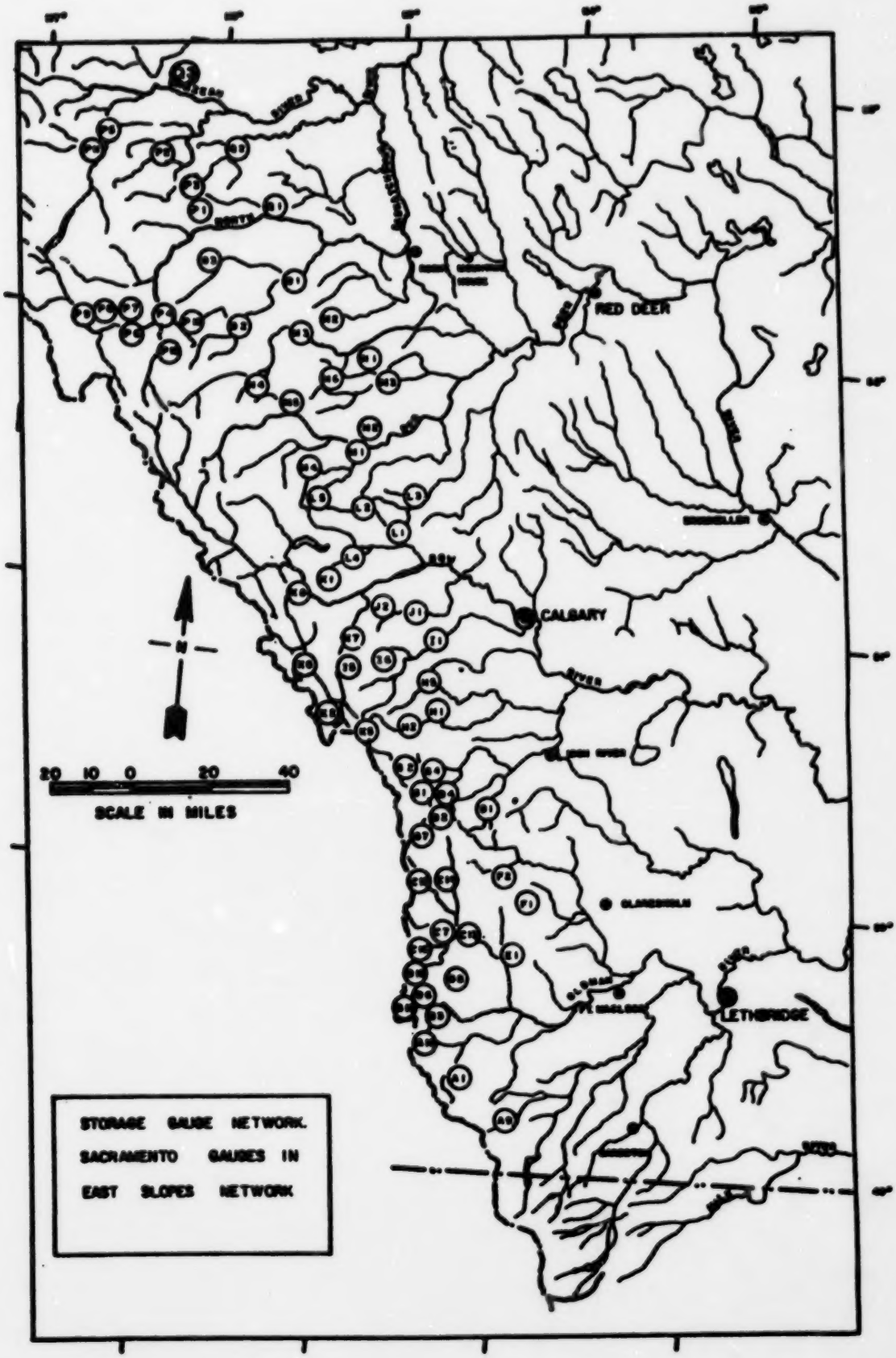
OCTOBER 1983

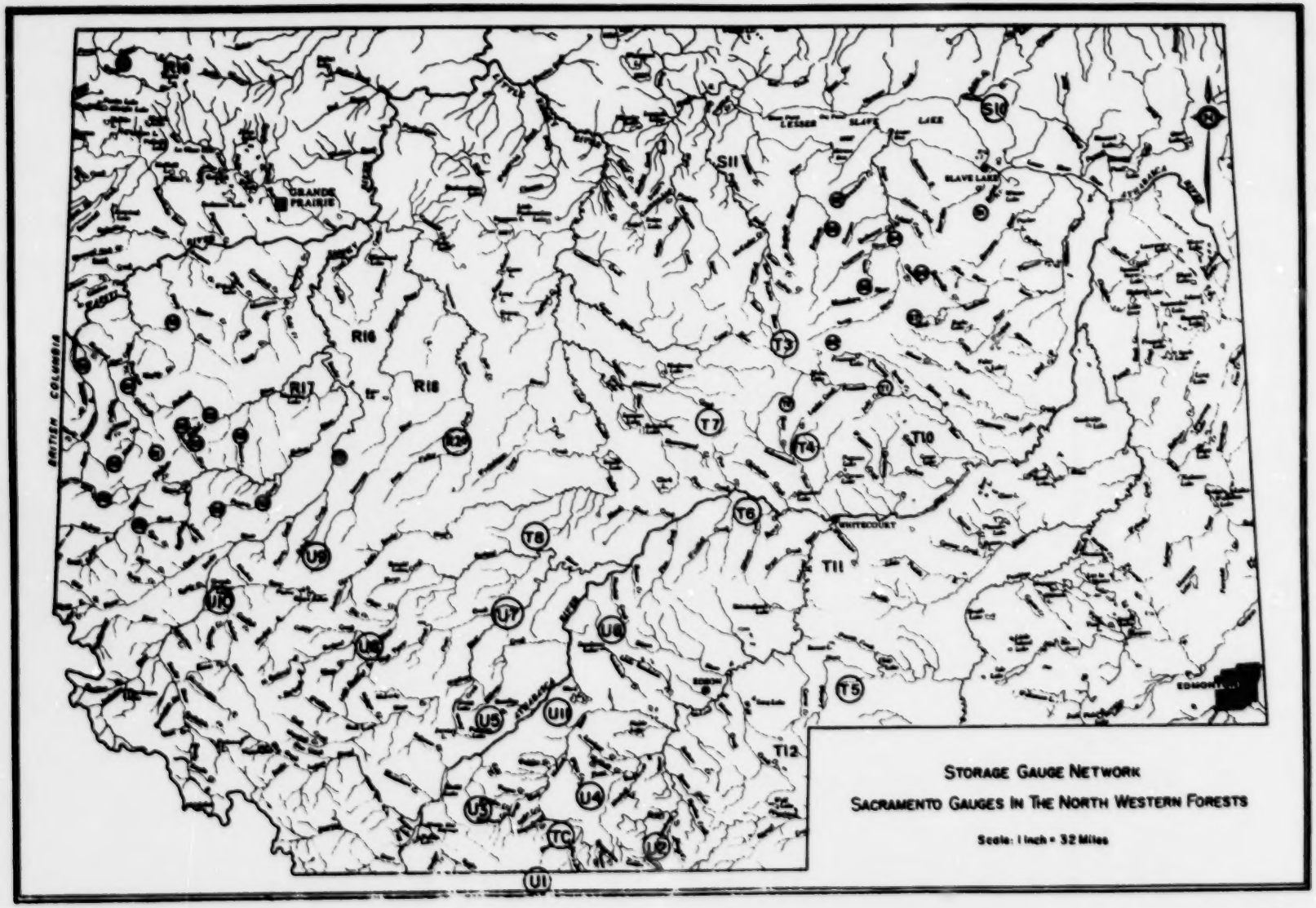
STN	DATE MONTH/DAY	READING (IN.)	(MM)
	Bow/Crow Forest		
A01	10/7	12.0	305
A09	10/6	17.5	444
A11	10/6	17.5	444
B03	10/4	17.0	432
B06	10/6	14.5	368
B08	10/6	12.0	305
B10	10/4	12.5	318
B12	10/5	17.0	432
C07	10/6	10.5	267
C10	10/6	13.0	330
C13	10/7	12.0	305
C14	10/6	12.0	305
C16	10/6	17.0	432
D01	10/3	13.0	330
D02	10/3	12.0	305
D04	10/3	12.0	305
E01	10/6	12.0	305
F01	10/6	10.5	267
F02	10/6	11.0	279
G01	10/3	11.0	279
G02	10/4	13.0	330
G04	10/4	11.0	279
G07	10/4	13.0	330
H01	10/3	12.5	317
H02	10/3	12.5	317
H05	10/4	14.0	356
I05	N/A		
I06	11/5	14.5	368

STN	DATE MONTH/DAY	READING (IN.)	(MM)
J02	N/A		
K01	10/1	12.0	305
K02	10/1	12.0	305
K06	10/1	12.0	305
K07	10/1	12.0	305
K08	10/1	12.0	305
L01	N/A		
L02	9/30	15.0	381
L03	N/A		
L04	N/A		
L05	9/29	12.2	310
M01	9/30	12.0	305
M02	9/30	12.0	305
M03	9/30	10.5	267
M04	N/A		
M05	9/30	11.5	292
M06	9/30	11.5	292
	Rocky/Clearwater Forest		
N01	10/1	11.5	292
N02	10/3	12.0	305
N03	10/1	11.0	279
N04	10/3	12.0	305
O01	10/3	12.0	305
O02	10/3	12.0	305
O03	10/4	11.0	279
P01	10/1	11.0	279
P02	10/3	11.5	292
P03	10/3	11.5	292

STN	DATE MONTH/DAY	READING (IN.)	(MM)
P04	10/3	12.0	305
P05	10/3	12.0	305
P06	10/4	11.0	279
P07	10/3	12.0	305
P08	10/3	12.0	305
P09	10/3	11.5	292
P10	10/3	12.0	305
P11	10/3	12.0	305
P13	10/3	12.0	305
Q01	10/1	11.5	292
Q02	10/3	11.5	292
Q03	10/4	39.1	995
	Grande Prairie Forest		
R01	10/7	15.7	399
R02	10/7	6.9	176
R03	10/12	14.1	358
R04	10/7	14.9	379
R05	10/12	14.8	375
R06	10/7	13.5	343
R07	10/11	7.1	180
R08	10/7	7.0	178
R09	10/11	7.6	192
R10	10/7	14.1	358
R11	10/7	14.1	358
R12	10/7	15.1	384
R14	10/7	14.1	358
R15	10/7	14.1	358
R16	10/11	7.8	198
R17	10/12	7.7	195
R18	10/11	7.0	178
R19	10/11	7.4	187
R20	10/11	7.0	178
	Slave Lake Forest		
S01	10/5	10.6	269
S02	10/3	12.0	305
S03	10/3	11.5	292
S04	10/4	12.0	305
S05	10/4	11.5	292
S06	10/4	9.0	228
S07	10/4	11.0	279
S08	10/4	9.0	228
S09	9/30	7.5	190
S10	10/5	5.8	147
S11	10/3	6.8	173
	Whitecourt Forest		
T01	10/3	5.0	126
T02	10/3	MISSING	
T03	10/3	18.0	457
T04	10/3	5.7	146
T05	9/29	5.8	147
T06	10/3	6.1	154
T07	10/3	6.1	154
T08	10/12	5.7	145
T10	10/3	6.1	154
T11	10/3	6.0	152
T12	9/30	11.6	295
	Edson Forest		
U01	10/4	5.8	148
U02	9/30	5.8	148
U03	10/4	5.8	148

STN	DATE MONTH/DAY	READING (IN.)	(MM)
U04	9/30	5.6	143
U05	10/3	6.0	152
U06	10/5	6.7	170
U07	10/3	5.8	148
U08	10/3	5.8	148
U09	10/4	6.1	156
U10	10/3	6.1	156
U11	10/3	6.0	152
	Edson Tri Creeks		
WAMPUS B	9/30	11.9	302
WAMPUS F	9/30	10.7	272
WAMPUS G	9/30	11.9	302
DEERLICK A	9/30	11.0	279
DEERLICK C	9/30	DISCONTINUED	
DEERLICK J	9/30	10.7	272
EUNICE B	9/30	11.9	302
EUNICE D	9/30	11.9	302
	Lac La Biche Forest		
V01	10/5	7.9	200
V02	9/12	5.8	148
	Footner Lake Forest		
W01	9/21	7.7	197
W02	9/28	7.5	190
W03	9/30	28.8	732
W04	10/27	4.8	122
	Peace River Forest		
Y01	9/30	5.8	147
Y02	9/26	6.4	163
	Athabasca Forest		
Z01	9/9	5.9	149


RED DEER
CALGARY
LETHBRIDGE
20 10 0 20 40
SCALE IN MILES
STORAGE GAUGE NETWORK.
SACRAMENTO GAUGES IN
EAST SLOPES NETWORK



STORAGE GAUGE NETWORK

SACRAMENTO GAUGES IN THE NORTH WESTERN FORESTS

Scale: 1 inch = 32 Miles

Number/
Numéro

SACRAMENTO STORAGE GAUGE NETWORK

1983 SPRING SUMMARY

Alberta Energy and Natural Resources
Forest Land Use Branch
Watershed Management
Paul Jablonski
427-3583

SACRAMENTO STORAGE GAUGE NETWORK

1983 Spring Summary

Winter Precipitation in Inches and Millimeters of Water

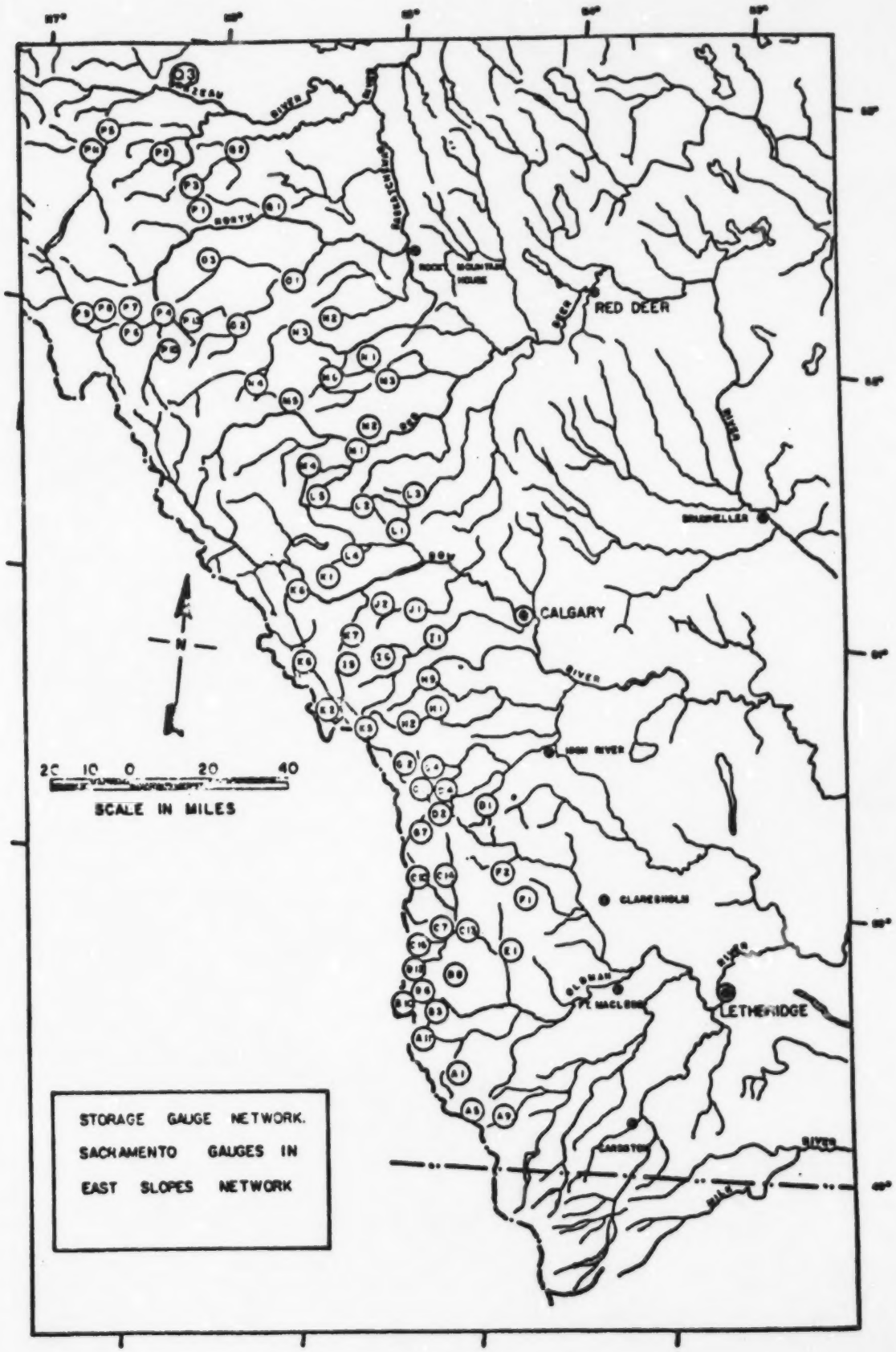
STATION	DATE	READING INCHES	READING MILLIMETERS	WINTER PRECIPITATION INCHES	WINTER PRECIPITATION MILLIMETERS	% OF AVERAGE	LONG TERM AVERAGE INCHES	LONG TERM AVERAGE MILLIMETERS
Bow/Crow Forest								
A01	10/4-4/29	23.0	584	11.0	279	73	15.1	384
A09	10/4-5/2	24.0	610	11.5	292	75	15.4	391
A11	10/4-5/2	38.0	965	20.5	521	72	28.3	719
B03	10/7-5/2	36.0	914	19.0	483	79	24.1	612
B06	10/7-5/2	23.5	597	10.5	268	69	15.2	386
B08	10/5-5/2	22.0	559	10.0	254	78	12.8	325
B10	10/7-5/2	23.0	584	11.0	279	72	15.3	389
B12	10/7-5/2	36.0	914	18.0	457	67	27.0	686
C07	10/8-5/2	21.5	546	11.5	292	71	16.1	409
C10	10/8-5/2	19.5	495	7.5	190	64	11.6	295
C13	10/5-5/2	19.0	483	6.5	165	72	9.0	229
C14	N/A						10.7	272
C16	10/7-5/2	35.0	889	18.0	457	66	27.3	693
D01	9/28-5/2	21.0	533	8.0	203	84	9.5	241
D02	9/28-5/2	18.6	473	6.1	155	65	9.4	239
D04	10/3-5/2	20.5	521	7.5	191	80	9.4	239
E01	10/5-5/2	18.0	457	6.0	152	74	8.1	206
F01	N/A						6.8	173
F02	10/5-5/3	18.5	470	7.5	191	83	9.0	229
G01	10/3-5/2	18.3	465	6.3	160	77	8.2	208
G02	10/3-5/2	25.0	635	11.5	292	79	14.5	368
G04	10/3-5/2	22.3	566	9.3	236	78	11.9	302
G07	9/28-5/2	23.0	584	10.0	254	71	14.1	358
H01	10/3-5/2	19.8	503	7.1	180	90	7.9	201
H02	10/3-5/2	25.1	638	13.1	333	86	15.2	386
H05	10/3-5/2	24.8	630	11.3	287	77	14.6	371
I05	N/A						20.3	516
I06	N/A						12.2	310

STATION	DATE	READING INCHES	READING MILLIMETERS	WINTER PRECIPITATION INCHES	WINTER PRECIPITATION MILLIMETERS	% OF AVERAGE	LONG TERM AVERAGE INCHES	LONG TERM AVERAGE MILLIMETERS
Bow/Crow Forest (Cont.)								
J02	N/A						10.8	274
K01	10/2-5/1	18.0	457	6.0	153	96	6.3	160
K02	10/1-4/30	24.5	622	12.5	318	94	13.3	338
K06	10/1-5/1	25.0	635	13.0	330	75	17.3	439
K07	10/2-4/30	20.0	508	8.0	203	80	10.0	254
K08	10/2-5/1	20.0	508	8.0	203	93	8.6	218
L01	10/3-5/2	19.0	483	7.0	178	96	7.3	185
L02	10/3-4/27	20.0	508	7.0	178	91	7.7	196
L03	10/3-5/2	18.0	457	7.0	178	103	6.8	173
L04	10/3-5/2	21.0	533	9.0	229	93	9.7	246
L05	10/6-4/28	22.0	559	8.0	203	105	7.6	193
M01	10/1-4/28	19.0	483	5.0	127	82	6.1	155
M02	10/1-4/28	21.0	533	6.5	165	83	7.8	198
M03	10/1-4/29	21.0	533	7.0	178	97	7.2	183
M04	N/A						11.1	282
M05	10/1-4/28	24.0	610	10.0	254	110	9.1	231
M06	10/1-4/28	23.5	597	9.5	241	99	9.6	244
Means				9.8	249	80	12.3	313
Rocky/Clearwater Forest								
N01	9/30-5/1	19.0	483	6.5	165	84	7.7	196
N02	10/5-5/2	20.8	528	8.8	224	79	11.2	284
N03	9/30-5/2	16.5	419	5.0	127	88	5.7	145
N04	10/5-5/2	17.5	444	5.0	127	71	7.1	180
001	10/5-5/2	19.7	500	7.7	196	85	9.1	231
002	9/30-5/2	17.5	444	6.5	165	82	7.9	201
003	9/30-5/2	20.0	508	9.0	229	91	9.9	252
P01	10/1-5/2	16.0	406	5.5	140	93	5.9	150
P02	10/4-5/2	18.0	457	7.5	191	90	8.4	213
P03	10/2-5/2	17.5	444	6.5	165	65	10.1	256
P04	10/4-5/2	13.5	343	3.0	76	71	4.2	107
P05	10/4-5/2	18.0	457	7.5	191	81	9.3	236

STATION	DATE	READING INCHES	READING MILLIMETERS	WINTER PRECIPITATION INCHES	WINTER PRECIPITATION MILLIMETERS	% OF AVERAGE	LONG TERM AVERAGE INCHES	LONG TERM AVERAGE MILLIMETERS
Rocky/Clearwater Forest (Cont.)								
P06	10/3-5/2	16.0	406	6.0	152	68	8.8	224
P07	10/4-5/2	15.0	381	4.5	114	70	6.4	163
P08	10/4-5/2	16.8	427	6.3	160	82	7.7	196
P09	10/4-5/2	20.0	508	10.0	254	80	12.5	318
P10	10/4-5/2	16.8	427	6.8	173	73	9.3	236
P11	10/4-5/2	19.2	488	8.2	208	72	11.3	287
P13	10/4-5/2	19.0	483	9.0	229	81	11.1	282
001	10/2-5/1	20.5	521	7.5	191	90	8.4	213
002	10/4-5/2	16.0	406	6.0	152	75	8.0	203
003	10/4-5/2	16.6	420	4.8	121	67	7.1	181
Means				6.7	170	79	8.5	216
Grande Prairie Forest								
R01	9/19-3/22	18.1	459	5.5	139	54	10.1	256
R02	9/18-3/22	10.7	272	4.5	115	58	7.8	198
R03	9/18-3/22	19.2	488	6.7	170	65	10.3	262
R04	9/18-3/22	21.9	555	9.4	237	85	11.0	280
R05	9/18-3/22	20.7	525	8.7	220	86	10.1	257
R06	9/19-3/22	20.8	529	8.2	209	59	14.0	355
R07	9/19-3/23	12.9	327	5.2	132	80	6.5	165
R08	9/18-3/23	18.8	477	12.3	312	154	8.0	202
R09	9/19-3/22	12.8	325	5.4	137	64	8.4	214
R10	9/18-3/22	17.8	453	5.8	148	72	8.1	205
R11	9/19-3/22	16.8	426	4.2	106	41	10.2	259
R12	9/19-3/22	18.4	468	5.8	148	71	8.2	208
R14	9/18-3/22	18.0	456	6.0	151	74	8.1	205
R15	9/19-3/22	21.6	549	9.6	244	71	13.5	342
R16	9/19-3/22	11.9	302	4.8	122	53	9.0	229
R17	9/19-3/22	11.7	298	5.0	128	58	8.6	220
R18	9/19-4/21	13.0	330	6.1	155	61	10.0	254
R19	9/19-3/23	10.5	266	4.0	101	58	6.8	173
R20	9/19-3/22	10.8	275	4.3	108	55	7.8	199
Means				6.2	157	69	9.3	236

STATION	DATE	READING INCHES	READING MILLIMETERS	WINTER PRECIPITATION INCHES	WINTER PRECIPITATION MILLIMETERS	% OF AVERAGE	LONG TERM AVERAGE INCHES	LONG TERM AVERAGE MILLIMETERS
Slave Lake Forest								
S01	10/12-5/3	15.0	381	4.0	103	57	7.1	180
S02	10/4-5/5	15.8	401	3.3	84	50	6.6	168
S03	10/6-5/5	16.5	419	3.8	97	49	7.8	198
S04	10/8-5/5	15.0	381	2.5	64	41	6.2	158
S05	10/15-5/5	16.5	419	5.2	132	65	8.0	204
S06	10/15-5/5	15.0	381	4.8	122	71	6.7	171
S07	10/15-5/5	15.5	394	2.5	64	31	8.1	206
S08	10/15-5/5	14.5	368	3.2	81	39	8.2	208
S09	10/13-5/9	13.1	332	6.5	163	112	5.7	145
S10	10/13-5/3	15.9	405	4.7	120			
S11	10/7-4/14	14.8	377	3.9	100			
Means				4.0	103	57	7.2	182
Whitecourt Forest								
T01	10/4-5/1	9.4	239	3.2	80	661	5.2	132
T02	10/4-5/1	10.9	277	4.0	102	50	8.0	203
T03	10/4-5/1	11.5	292	4.7	119	61	7.7	196
T04	10/4-5/1	9.1	230	3.2	80	50	6.4	163
T05	10/1-5/1	9.8	249	4.1	103	60	6.8	173
T06	10/4-5/1	10.0	255	3.5	90	51	6.9	175
T07	10/4-5/1	10.2	260	4.7	119	53	8.8	224
T08	10/12-5/1	9.8	249	3.6	91	43	8.3	211
T10	10/4-5/1	9.3	237	3.3	84	57	5.8	147
T11	10/4-5/1	10.6	270	4.8	122	64	7.5	190
T12	10/4-5/1	11.0	280	5.0	127	81	6.2	157
Means				4.0	102	57	7.0	179
Edson Forest								
U01	10/1-5/11	15.0	380	9.7	245	121	8.0	204
U02	10/13-5/5	12.9	327	7.0	177	101	6.9	176
U03	10/3-5/5	11.8	300	6.3	161	85	7.4	188
U04	10/3-5/3	11.7	297	6.2	158	90	6.9	175

STATION	DATE	READING INCHES	READING MILLIMETERS	WINTER PRECIPITATION INCHES	WINTER PRECIPITATION MILLIMETERS	% OF AVERAGE	LONG TERM AVERAGE INCHES	LONG TERM AVERAGE MILLIMETERS
Edson Forest (Cont.)								
U05	10/2-5/6	9.8	249	4.2	107	60	7.0	177
U06	10/12-5/3	11.0	279	5.7	145	84	6.8	174
U07	10/2-5/6	10.2	259	4.5	115	64	7.0	178
U08	10/5-5/6	9.1	231	3.4	85	49	7.0	177
U09	10/12-5/3	12.9	327	7.2	181	94	7.7	194
U10	10/12-5/3	11.2	284	5.0	125	69	7.3	185
U11	10/2-5/2	9.6	244	4.1	103	57	7.2	183
Means				5.7	146	80	7.2	183
Edson - Tri-Creeks								
WAMPUS B	9/30-5/4	21.2	538	9.3	236	98	9.5	242
WAMPUS F	9/30-5/4	18.9	480	8.2	208	79	10.4	264
WAMPUS G	9/30-5/4	22.3	566	10.1	257	101	10.0	254
DEERLICK A	9/30-5/4	21.6	549	10.2	259	116	8.8	223
DEERLICK C	9/30-5/4	21.9	556	9.7	246	98	9.9	253
EUNICE B	9/30-5/4	22.1	561	9.9	251	102	9.7	247
EUNICE D	9/30-5/4	22.7	577	10.5	267	98	10.7	272
Means				9.7	246	98	9.9	251
Lac La Biche Forest								
V01	9/13-5/3	10.8	275	4.9	125	88	5.6	142
V02	9/14-4/24	9.8	249	4.1	104			
Footner Lake Forest								
W01	9/15-4/30	10.7	273	6.8	173	127	5.4	136
W02	10/4-4/29	14.0	355	5.9	149	141	4.2	106
W03	9/2-5/13	16.4	416	8.5	215	117	7.2	183
W04	10/27-5/10	11.2	284	5.1	129	90	5.7	144
Peace River Forest								
Y01	10/8-5/4	10.5	266	4.2	106	102	4.1	104
Y02	10/1-5/1	10.7	271	4.4	110	96	4.5	115
Athabasca Forest								
Z01	9/15-5/2	10.1	257	4.6	117	107	4.3	109


RED DEER
CALGARY
LETHBRIDGE
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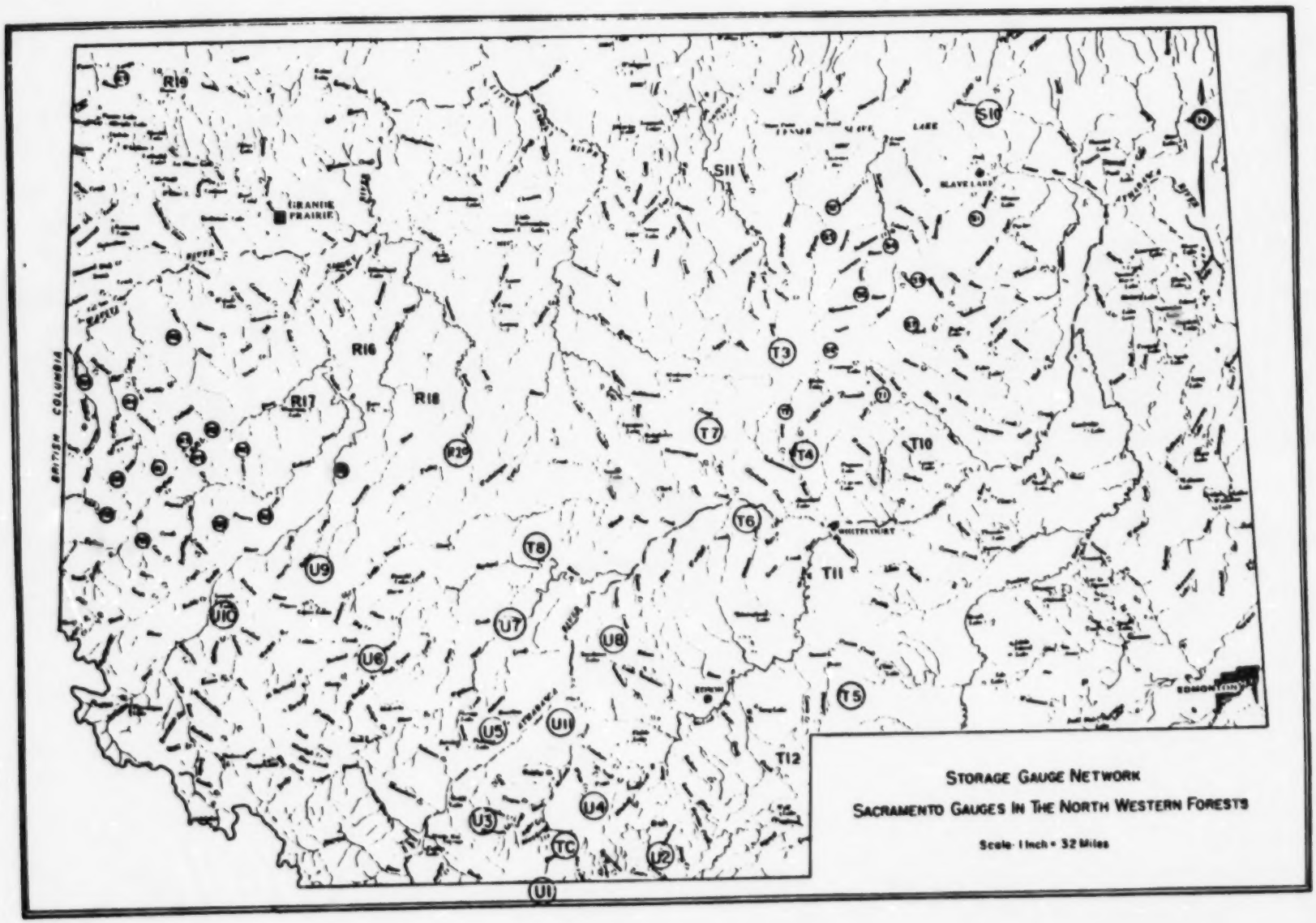
20 10 0 20 40
SCALE IN MILES
STORAGE GAUGE NETWORK.
SACRAMENTO GAUGES IN
EAST SLOPES NETWORK


R19
R16
R17
R18
R20
S10
S11
T3
T4
T5
T6
T7
T8
T10
T11
T12
U1
U2
U3
U4
U5
U6
U7
U8
U9
U10
U11
TC
GRANITE PRAIRIE
BRITISH COLUMBIA
SLAVE LAKE
WHITECOURT
EDMONTON
Storage Gauge Network
Sacramento Gauges In The North Western Forests
Scale- 1 Inch = 32 Miles

POOR

QUALITY

ORIGINAL